

Amendments to the Specification

Please replace paragraph [00049] on page 9 with the following amended paragraph:

[00049] The system controller 156 is connected to each of the three configurable, connectorized I/O Modules 166, 168 and 170 which provide the programmable flexibility as described above, to allow standard cables and connectors to be used throughout the system to make the various connections indicated. I/O Modules 166, 168 and 170 are shown overlapping the interlock Modules 180, 182 and 184 indicating that the interlock Modules 180, 182 and 184 plug into the I/O Modules 166, 168 and 170. In the preferred embodiment, the interlock Modules 180, 182 and 184 plug into connector 74 of an I/O module such as Module [[600]] 66 of Fig. 5 in place of a cable 68. The interlock Modules 180, 182 and 184 each contain a device connector 74 into which a cable [[69]] 68 plugs for interconnecting the devices 158-164. The interlock Modules 180, 182 and 184 therefore reside between the I/O Modules 166, 168 and 170 and the devices 158-164 to which they attach, including as shown by example in Fig. 9 a proximity switch 160, limit switch 164, [[,]] and safety interlock 162, and device 158.